

**CERTIFICATE OF GRANT OF PATENT**

批予專利證明書

**Patents Ordinance (Chapter 514)**

專利條例 (第 514 章)

**STANDARD PATENT 標準專利**

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I hereby certify that a standard patent with the following particulars has this day been granted 茲證明下述標準專利在今日批予:

**Name and Address of Proprietor 專利所有人姓名或名稱及地址:**

NORTH CAROLINA STATE UNIVERSITY

2401 Research Drive

Suite 1122, Campus Box 8210

Raleigh, NC 27695-8210

UNITED STATES/UNITED STATES OF AMERICA

北卡羅來納州大學

美國/美利堅合眾國

**Patent No. 專利編號 : HK1083864**

**Application No. 申請編號 : 06102558.4**

**Title of Invention 發明名稱 :**

DEPLETION OF ENDOGENOUS PRIMORDIAL GERM CELLS IN AVIAN SPECIES

禽類內源性原生殖細胞的消耗

**Term of Standard Patent 標準專利有效期 :**

Twenty years commencing on 16.01.2004

由 16.01.2004 年起計 20 年

## IMPORTANT NOTES FOR PATENT PROPRIETORS

### 1. DURATION OF STANDARD AND SHORT-TERM PATENTS

The term of a standard patent is 20 years from the deemed date of filing of the patent application whereas that for a short-term patent is 8 years from the date of filing of the patent application.

### 2. PAYMENT OF RENEWAL FEES

The proprietor shall pay the prescribed renewal fees in accordance with the Patents Ordinance and the Patents (General) Rules. Fees should be accompanied by the specified patent renewal form.

#### (i) Standard Patents

Under section 39(2) of the Patents Ordinance, the renewal fees shall be paid before the expiry of the 3rd or any succeeding year from the anniversary of the deemed date of filing of the standard patent first occurring after the date of grant but not earlier than a date 3 months before that expiry.

#### (ii) Short-term patents

Under section 126(2) of the Patents Ordinance, the renewal fee shall be paid within the 3 months ending with the expiry of the 4th year from the date of filing of the patent application. Where the date of grant of the patent occurs after the expiry of the 4th year from the date of filing of the application, the payment of renewal fee shall be made within 3 months from the date of grant in accordance with section 126(3) of the Patents Ordinance.

- (iii) If the form and fee are not lodged with the Patents Registry within the above-mentioned periods, any renewal fee paid within the period of 6 months after the end of that expiry shall be accompanied by the prescribed additional fee for late payment. If no fee is received within the prescribed periods, the patent will cease to have effect.

## 專利所有人須知

### 1. 標準專利及短期專利的有效期

標準專利的有效期為二十年，由專利申請的當作提交日期起計；而短期專利的有效期則為八年，由提交專利申請的日期起計。

### 2. 續期費的繳付

專利所有人須遵照專利條例及專利（一般）規則的規定，繳付訂明的續期費。繳付續期費時，須一併遞交指明的專利續期表格。

#### (i) 標準專利

專利條例第 39(2)條規定，須以專利的當作提交日期在批予專利後第一個周年日起計，在第三年或繼後任何一年屆滿前，繳付續期費，但不得早於屆滿日期三個月前繳付。

#### (ii) 短期專利

專利條例第 126(2)條規定，須在提交專利申請的日期起計第四年屆滿前三個月內繳付續期費。凡批予專利日期是在自該專利的申請的提交日期起計的第四年屆滿之後，則根據專利條例第 126(3)條，續期費須在批予日期起計的三個月內繳付。

- (iii) 如專利註冊處在上述期限內沒有收到有關表格及續期費，則在期限屆滿後六個月內繳付的續期費，必須連同訂明的逾期附加費一併繳交。如專利註冊處未能在訂明期限內收到有關費用，專利便會停止有效。

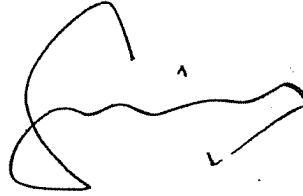
**Continuation Sheet for the Certificate of Grant of Patent No. 1083864**

**標準專利號 1083864 的專利批予證明書續頁**

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**Dated this 31st October, 2008**

**二零零八年十月三十一日**



**Stephen Selby**

*Registrar of Patents*

**專利註冊處處長謝肅方**

**Patents Registry**

**Intellectual Property Department**

**The Hong Kong Special Administrative Region**

**香港特別行政區知識產權署專利註冊處**

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[19] Patents Registry  
The Hong Kong Special Administrative Region  
香港特別行政區  
專利註冊處

[11] 1083864 B  
EP 1590435 B1

[12]

STANDARD PATENT SPECIFICATION  
標準專利說明書

[21] Application No. 申請編號  
06102558.4  
[22] Date of filing 提交日期  
27.02.2006

[51] Int.Cl.<sup>8</sup> C12N A01K

[54] DEPLETION OF ENDOGENOUS PRIMORDIAL GERM CELLS IN AVIAN SPECIES 禽類內源性原生殖細胞的消耗

[30] Priority 優先權

16.01.2003 US 60/440,424

[43] Date of publication of application 申請發表日期

14.07.2006

[45] Publication of the grant of the patent 批予專利的發表日期

31.10.2008

EP Application No. & Date 歐洲專利申請編號及日期

EP 04703077.0 16.01.2004

EP Publication No. & Date 歐洲專利申請發表編號及日期

EP 1590435 02.11.2005

Date of Grant in Designated Patent Office 指定專利當局批予專利日期

19.03.2008

[73] Proprietor 專利所有人

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[72] Inventor 發明人

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彌敦道 555 號九龍行 703 室

In reply please quote this ref.:

Your ref.:

Tel.: 29616834

Fax.: 2838 6315

31 October, 2008

Deqi Intellectual Property Law Corporation  
Room 703 Kowloon Building,  
555 Nathan Road, Kowloon,  
Hong Kong

By Registered Post

Registration of designated patent(s) and grant of standard patent(s)

In accordance with section 27(3)(b) of the Patents Ordinance, I send you herewith the Certificate of Grant of Patent in respect of the following standard patent application(s):

Application No.

06102558.4

06107444.1

Your Reference No.

IP06RS001HK

IP06MS008HK

Upon any change of ownership of this patent /application for patent, or change of name and/or address/address for service of the proprietor/applicant, application should AT ONCE be made to the Registrar to register the change.

*This is a letter issued by Angela Tam for Registrar of Patents.*

(This is a computer-generated copy. No signature is required.)

- Remarks: 1. For the modification of the expressions "designated patent", please refer to the Patents (Transitional Arrangement) Rules.  
2. I also send you herewith the Hong Kong Front Page of the published specification(s) of the above patent(s).